

a monthly publication of the
Tennessee Valley Authority

Inside TVA

Volume 30, Issue 11
December 2010

TAKE THE Energy Efficiency Challenge!

DAVE SCHULTZ OF KINGSTON
FOSSIL PLANT DISPLAYS ONE
OF THE SEALED COMPACT
FLUORESCENT LIGHTS HE IS USING
TO SAVE ENERGY IN HIS HOME.

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John Sevier Combined Cycle Plant Takes Shape

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NEW EMPLOYEE EXPERIENCE
FACILITATOR TIM WEEKS'

job rocks

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HOT TOPICS

TVA Reports Higher Electricity Demand in Fiscal Year 2010

In its Form 10-K for fiscal year 2010 filed last month with the Securities and Exchange Commission, TVA reported that demand for electricity increased about 6 percent from fiscal year 2009 as a result of extreme summer and winter temperatures and a slowly improving economy. TVA also maintained 99.999 percent service reliability for the 11th straight year and reduced its electricity prices by more than 9 percent from 2009 levels.

During fiscal year 2010, which ended Sept. 30, TVA had revenues of \$10.9 billion. This was \$381 million, or 3.4 percent, less than the previous year, resulting mainly from lower prices.

Last Coal-Ash Train Leaves Kingston

On Dec. 1, the last train filled with coal ash pulled out of Kingston Fossil Plant bound for Arrowhead Landfill, in Perry County, Ala. To mark the occasion, the cleanup team gathered for a group photo. In all, 414 trains carried more than 4 million tons of ash to the landfill, which is certified as a Resource Conservation and Recovery Act Subtitle D nonhazardous waste disposal facility. The clean-up continues at Kingston, where remaining coal ash will be stored onsite in the dredge cell that will be rebuilt and reinforced to resist earthquakes.



Sequoyah Emergency-Preparedness Drill a Success

On Nov. 17, more than 1,000 TVA and state of Tennessee employees and responders took part in an emergency-preparedness drill for Sequoyah Nuclear Plant. As in all such drills, participants were presented with a fictional emergency with detailed scenarios and role-played, simulating the actions and making the decisions that would occur during an actual emergency.

Evaluators from the Nuclear Regulatory Commission and the Federal Emergency Management Agency called the exercise a success, with good coordination among TVA, state and local officials.

“Emergency-preparedness drills are an essential part of TVA’s nuclear operations,” says TVA Chief Nuclear Officer Preston Swafford. “They allow us to continually improve our emergency plans and processes to make sure we are prepared to protect the health and safety of our employees and the public.”

ON THE COVER

COVER PHOTO – Dave Schultz, an assistant unit operator at Kingston Fossil Plant, shows off the one of the sealed compact fluorescent lights he has placed throughout his Oak Ridge home as part of his effort to save energy. Schultz also insulated his walls, water heater and hot-water pipes, and he installed a programmable thermostat, motion-activated lights and double-paned windows. Story on pages 6 and 7. Photo by Damien K. Power.

Teacher Judy Abrams demonstrates an art project to kindergartners in Tuscumbia, Ala., using pens, paint and paper purchased with funds from TVA's tax equivalent payments.



PHOTO BY MARK DAVIS

Tax equivalent payments help Alabama schools

BY DUNCAN MANSFIELD

Judy Abrams doesn't have to look far to see where TVA's tax equivalent dollars go.

"Practically everything in our classroom is thanks to TVA," says Abrams, a kindergarten teacher at G.W. Trentholm Primary School in Tuscumbia, Ala., which benefits from Partners in Education fundraising activities at Browns Ferry Nuclear Plant, as well as from tax equivalent payments.

The annual TVA payment will buy enough construction paper, paints and brushes for her students' art, math, phonics and reading projects for the entire year. "You cannot imagine how much it is appreciated by not only the teachers, but also the children," she says.

TVA's tax equivalent payments reached a record \$550 million in fiscal year 2010, a 9 percent increase from 2009. Most of the money goes to state governments, is redistributed by the states to local governments and ends up supplementing local general funds.

But in Alabama, community development

committees take the division of TVA's in-lieu-of-tax payments a step further. In Colbert County, where Abrams teaches, every teacher, school librarian and guidance counselor is awarded \$125 to buy classroom supplies.

That provides an extra \$14,500 for Tuscumbia's four-school, 1,572-student system, schools Superintendent Joe Walters says.

"It could be for crayons or a particular piece of software," he says. "The focus of the funds must benefit the children. In other words, you can't buy a new teacher desk or anything like that. It must be for the children."

As a federal corporation, TVA is exempt from most state and local taxes. But TVA is required under the TVA Act to make in-lieu-of-tax payments to help the states and counties where it does business.

TVA makes payments to the seven states in the TVA service area and Illinois, where TVA has contracts to buy coal yet to be mined. Payments are based on power sales and the value of TVA power system assets. Smaller payments also are made directly to 144 counties.

TVA's total payments to each state for fiscal year 2010 were as follows:

Alabama	\$125,442,935
Georgia	\$8,777,429
Illinois	\$495,278
Kentucky	\$49,472,778
Mississippi	\$34,586,920
North Carolina	\$2,889,121
Tennessee	\$327,323,789
Virginia	\$1,320,742

The money is used at the discretion of state and local governments according to formulas in each state. Police departments, parks, libraries and schools all have benefited. Since 1941, TVA estimates it has paid more than \$9 billion in tax equivalent payments.

Abrams' students made special plates for Thanksgiving from art supplies bought with TVA dollars. "The words on the plates say, 'Give Thanks!' It is certainly what we as teachers are doing because of your generous gift to our schools," she says. "We are truly thankful." ■



DAMIEN K. POWER

Engineers Haley Shetter and Scott Gladney stand in front of the new feedwater-control system at Sequoyah Nuclear Plant Unit 1.

Sequoyah Nuclear Unit 1 Gets a New Distributed Control System

Sequoyah Nuclear Plant Unit 1 recently installed a new distributed control system, replacing the aging analog feedwater-control system, which controls the system that transports the water that is converted to steam to the unit's four steam generators and then to the main turbine. The same system was installed at Sequoyah Unit 2 in 2009.

"Feedwater controls was the piece of the control system that contributed a significant number of single-point failures, roughly 40 in all, and had a long history of unit trips here at Sequoyah," says System Engineer Scott Gladney.

The new distributed control systems have eliminated the single-point failures and made it more feasible to perform maintenance while the units stay online.

Paradise Golf Classic Benefits Partners in Education and Toys for Tots!

The first Paradise Golf Classic was held at Bowling Green (Ky.) Country Club and raised \$8,000 for Partners in Education and the Paradise employees' chosen charity, Toys for Tots. "We really help some poor kids at Christmas, and we work with the schools to get the names, so it goes right along with Partners in Education," says Senior Instrument Mechanic Kelley Fleming.



Team Tudor, made up of (l-r) Electrician Scott Becklehimer, Sean Ginsberg (a friend), Electrician Mark Cornette and team leader Brad Tudor, a steamfitter.



Team Corrosion Monitoring Systems, a platinum sponsor, was made up of (l-r) two friends and retired machinists Butch Childers and Hugh Evans.

Allen Marks a Year Without Injury

To celebrate Allen Fossil Plant's year of zero recordable injuries, employees — like Electrician Cornelius Watson Jr. (left) and Maintenance Manager Len Holder — received Zero candy bars. In a memo to Allen employees, Plant Manager Doug Keeling wrote, "Remember, we can achieve zero recordable injuries, but we must continue to look for ways to engage and be our band of brothers, intervening to make sure we sustain this performance."





JOHN SEVIER COMBINED CYCLE PLANT TAKES SHAPE

BY DAMIEN K. POWER

Neither snow, nor rain, nor heat nor gloom of night stays these intrepid men and women from working hard toward bringing the new combined-cycle plant online at John Sevier.

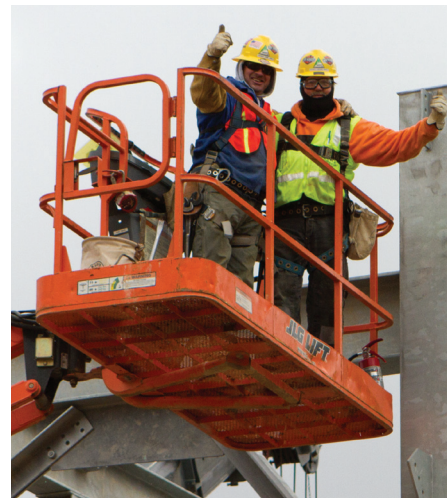
Plant construction began in mid-April of 2010, and the plant is already about 25 to 30 percent complete. Two huge combustion turbines already perch upon their concrete mounts, with the third following close behind — all of which belies the great accomplishments that surround them. Almost 120,000 cubic yards of earth have been excavated to make room for the 1,300 auger-cast piles, roughly 25,000 cubic yards of concrete and about 5 miles of underground piping. Three of the four main transformers have already been placed, assembled and tested.

For all of the efforts that have been set forth to reach this goal (roughly 500,000 man hours), there have been zero recordable or lost-time injuries.

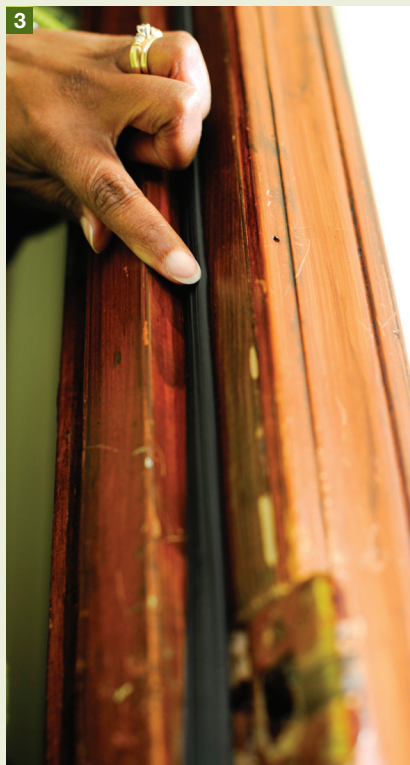
“We knew it would be a challenge when we started this project, because this is the first time these three companies — Kiewit, URS Corporation, and TVA — have worked together,” says Senior Manager of New Unit Services Construction Projects Roger Waldrep. “Looking at our production rate after only eight months, we are extremely happy with productivity and successes so far.” ■



In the top photo, Senior Manager of New Unit Services Construction Projects Roger Waldrep stands in front of one of the massive turbines. Above, workers from Kiewit build the John Sevier Combined Cycle Plant. At right, Kiewit contractors signal their approval for the progress being made on the turbine structure they are building.



PHOTOS BY DAMIEN K. POWER



TAKE THE ENERGY EFFICIENCY CHALLENGE



BY JONATHAN BURNS

How to improve your own energy efficiency and help TVA

Lower your monthly power bill. Help the environment. Contribute to TVA's success. The Energy Efficiency Challenge can help you achieve all three.

Whether it is to save money, conserve resources or support TVA's energy-efficiency goals, Vice President of Energy Efficiency & Demand Response Bob Balzar suggests that all TVA employees take the Energy Efficiency Challenge, outlining the challenge in three simple steps:

- 1 Visit www.energyright.com and take the online energy audit. Find out where those "wasted kilowatts" are hiding. Then use the conservation kit when it arrives in the mail.
- 2 Schedule an In-Home Energy Evaluation. You can do it by calling your local power distributor or signing up at www.energyright.com. A certified energy-efficiency expert will give you recommendations on energy-efficiency improvements needed for your home.
- 3 Contact your local power distributor to sign up for blocks

of green power through TVA's Green Power Switch program, which is celebrating its 10th anniversary this year.

Bonus: Participate in the Generation Partners program by installing solar panels or other qualifying renewable energy alternatives.

Living the goal

Balzar says TVA's goal to lead the Southeast in increased energy efficiency by 2015 is aggressive, but achievable, with employees' help. "We can set the example to encourage one another and our neighbors to follow suit and increase their energy efficiency," says Balzar.

He also says that employees' feedback about their program experiences is essential. "Write us. Call us. Give feedback online. We want to hear from you. Your input will help us improve our existing programs and design new programs to best meet the needs of other residents, distributors and businesses throughout the TVA region."

To provide feedback about your experiences with the program, send an e-mail to Balzar at rmbalzar@tva.gov.

"Our focus on energy efficiency in the coming years is only going to grow, and

we see this challenge as an ongoing effort that employees will continue to hear about in the coming months," says Balzar. "The more TVA employees complete the three-step Energy Efficiency Challenge, the closer we'll get to our goal by 2015."

To learn more about TVA's energy audit and other energy solutions programs, visit the program website at www.energyright.com.

MEASURING THE SAVINGS

The TVA 2007 Strategic Plan set a demand savings goal of 1,400 megawatts by the end of 2012. Under this goal, Energy Efficiency & Demand Response program achievements are measured in megawatts.

On Aug. 20, 2010, the TVA board of directors adopted a renewed vision to become one of the nation's leading providers of low-cost and cleaner energy by 2020. To help achieve the vision, TVA intends to lead the Southeast by increasing energy-efficiency performance to 3.5 percent of sales by 2015.

On the opposite page: 1. Kingston Fossil Plant Assistant Unit Operator Dave Schultz shows off his newly insulated water heater. 2. Nuclear Project Manager Constance Bryant opens her double-paned, Energy Star-qualified, vinyl windows that have a heat-reflective coating. 3. Bryant points out a door seal. She also had her ductwork retaped after an energy audit revealed that she "was heating the outdoors." 4. Vice President of Energy Efficiency & Demand Response Bob Balzar touts the PowerCost Monitor, one of several energy-saving products available to TVA employees. 5. Stephanie Hopper, wife of Sequoyah Nuclear System Engineer Brian Hopper, shows energy-efficient improvements in the crawl space underneath their kitchen in Soddy Daisy. They had new insulation put in, which has helped keep the kitchen floor warmer. They also had a moisture barrier put in, had all of the pipes throughout the house finished with air-sealed penetrations, sealed open spaces to the outside and insulated the pipes with foam piping. 6. Dave Schultz's programmable thermostat. 7. One of Schultz's compact fluorescent bulbs.



my job rocks

BY JULIE TAYLOR

TVA employees are on the job 24/7, keeping the lights on, running the river system, managing TVA lands and supporting TVA's operations. In this column, you'll hear from TVA employees who can say, "My job rocks!"

TIM MEEKS | PROGRAM INITIATIVES MANAGER, TALENT MANAGEMENT GROUP

New employees' enthusiasm can be contagious. This is obvious when you watch Tim Meeks facilitate TVA's New Employee Experience.

Even after eight years of teaching new employees about TVA's past, present and future, Meeks almost never stops smiling and having fun. He continues to be one of TVA's premier ambassadors, leading new employees through a three-and-a-half-day orientation that covers everything from TVA's Human Resource fundamentals to TVA's culture.

"I enjoy meeting all the new employees who come into TVA," says Meeks, lead facilitator for New Employee Experience and a program initiatives manager in TVA's Talent Management group.

"Their high level of excitement rubs off on you and raises your level of enthusiasm."

Meeks is passionate about his work and making sure that new employees learn as much as possible in every session. He encourages them to ask questions and actively participate in the team-building exercises.

"New Employee Experience is really for the participants," he says. "It is not a meeting or a conference. It is an experience."

He teaches a session every payday week in Chattanooga, sometimes with help from a guest co-facilitator from another TVA organization.

The logistics required to host 40-60 new employees per session can be a challenge. However, Meeks and TVA's hiring staff

work hard to make every session appear seamless to participants.

Meeks' strong communication skills are not by chance.

After graduating from the University of Mississippi with a degree in journalism in 1984, he worked at Mississippi State University's Cooperative Extension Service. In 1986, TVA hired him to promote its fertilizer program and farm demonstrations. He was the liaison between TVA and the land-grant universities that introduced

farmers to new agricultural practices.

Meeks later worked in TVA's Valley Resource Center supporting economic development efforts, as a TVA spokesperson and then in TVA's Washington office before moving to Human Resources. Along the way, he earned a graduate degree in community consulting from the University of North Alabama.

"One of the beauties of TVA is getting the chance to learn different things," he says. "It is a great place to work." ■



As lead facilitator for the New Employee Experience, Tim Meeks gives and receives enthusiasm.

PHOTOS BY DAMIEN K. POWER

JOE PURKEY: Detective Novelist

BY BROOKS CLARK

Ace Sleuth is a detective with attitude and a remarkable knowledge of the TVA power system. TVA retiree Joe Purkey knows all about Ace. After all, he invented him.

In a 25-page span of Joe Purkey's first novel, *Ace Sleuth: Private Eye*, the main character takes his girlfriend, Paula Novak, on an information-filled tour of the wind turbines at Buffalo Mountain — "The tips of those blades are moving at 145 miles per hour," Ace says. Later, the couple drives from Knoxville to Chattanooga and then on to the Raccoon Mountain Pumped-Storage Plant.

"They pump up the water to the top of the mountain when power demand is down," Ace explains. "Then, in the peak demand times, they can generate 1,600 more megawatts of power instantly."

For 28 years, Purkey was a TVA engineer in Knoxville. Then, 18 years into his retirement, he started writing detective novels. "I always thought I could write," Purkey says. "When I retired, I started writing about 10 stories a year about growing up in East Tennessee. When I had about 100 of them, I started giving them to family members at Christmas. So one day I just started writing novels."

For his first book, he had in mind a corporate attorney for a company that had been falsely sued after a staged accident. As he told the story, he invented his main character, Ace Sleuth, and, says Purkey, "He kind of took over. Ace went to college for two years," Purkey explains. "He got married and dropped out, but he has a little engineering knowledge."

Purkey graduated from the University of Tennessee in 1958. After working for two years at Wright-Patterson Air Force Base in Dayton,

Ohio, he returned to Knoxville in 1960 to work as a TVA mechanical engineer in piping sections. In 1970, Purkey was a lead engineer at Watts Bar Nuclear Plant. He took early retirement in 1988.

He started to write *Ace Sleuth: Private Eye* in 2006. His second novel was *Mirandized*. His third was *Murder on the Danish Queen*. His fourth, *The Boomsday Verdict*, will come out in a few months.

"There's a lot of Knoxville and a lot about TVA in my books," says Purkey, who lives in west Knoxville with his wife, Joan. She and their son, Scott, an engineer in South Carolina, help Purkey proofread his manuscripts. ■



PHOTOS BY DAMIEN K. POWER

new retirees

42 Years

Byron D. Hulan, Power System Operations, Chattanooga

40 Years

Roy C. Johnson, Power System Operations, Knoxville

Deborah P. Runyan, Strategy & External Relations, Chattanooga

38 Years

John J. Cain, Financial Services, Chattanooga

36 Years

Carson E. Williams, Power System Operations, Knoxville

35 Years

J. David Beckler, People & Performance, Knoxville

34 Years

Robert V. Baird, Nuclear Power Group, Soddy-Daisy, Tenn.

Thomas P. Wooten, Nuclear Power Group, Soddy-Daisy, Tenn.

new retirees continued

33 Years

Alan R. Harris, Fossil Power Group, Clinton, Tennessee

Myron L. Iwanski, Strategy & External Relations, Knoxville

James H. Power, Jr., Fossil Power Group, Chattanooga

Sharon L. Profitt, Information Technology, Chattanooga

32 Years

Carl R. Cole, Power System Operations, Chattanooga

William L. Raines, Nuclear Power Group, Muscle Shoals, Alabama

31 Years

Vicki P. Blackburn, People & Performance, Chattanooga

K. Harland Dodson Jr, Information Technology, Muscle Shoals, Alabama

30 Years

Anthony R. Arnold, Fossil Power Group, Drakesboro, Kentucky

Gayla W. Choate, Information Technology, Chattanooga

Edward D. Gentry, Nuclear Power Group, Spring City, Tennessee

Helen M. Henderson, Nuclear Power Group, Spring City, Tennessee

Norma J. Johnson, Information Technology, Muscle Shoals, Alabama

Michael K. McDowell, Power System Operations, Knoxville

Daryl H. Smith, Operating Support & Fleet Governance, Knoxville

Vicki L. Snapp, Strategy & External Relations, Chattanooga

Mark K. Witt, Nuclear Power Group, Soddy-Daisy, Tennessee

29 Years

Jerry L. Landers, Power System Operations, Chattanooga

28 Years

Dennis L. Lowe, Nuclear Power Group, Spring City, Tennessee

26 Years

Gerald F. Moody, Nuclear Power Group, Decatur, Alabama

Dewey W. Paschal, Nuclear Power Group, Soddy-Daisy, Tennessee

25 Years

Joy Gail Jones, Nuclear Power Group, Spring City, Tennessee

Rebecca C. McAmis, People & Performance, Knoxville

Judith A. Sims, Nuclear Power Group, Decatur, Alabama

23 Years

Lois G. Baggett, Information Technology, Chattanooga

James D. Bray, Nuclear Power Group, Decatur, Alabama

Donald C. Steele, Power System Operations, Columbia, Tennessee

20 Years

T. Wayne Crabtree, Fossil Power Group, Stevenson, Alabama

18 Years

John D. Clingan, Power System Operations, Chattanooga

Chester M. Reneau, Fossil Power Group, Rogersville, Tennessee

Timothy P. Wilson, Power System Operations, Cullman, Alabama

17 Years

Bud R. Salsbury, Strategy & External Relations, Baltimore, Maryland

14 Years

M. Terry Frederick, Strategy & External Relations, Baltimore, Maryland

13 Years

Larry Joe Beddingfield, Power System Operations, Chattanooga

10 Years

Roger Dale Goodwin, Power System Operations, Chattanooga

Patricia M. Woodley, Operating Support & Fleet Governance, Chattanooga

8 Years

John Lewis Marks, Strategy & External Relations, Baltimore, Maryland

7 years

Julia C. Finchum, Strategy & External Relations, Knoxville

5 Years

Ulysses Ray Peterson, Nuclear Power Group, Chattanooga

Inza Hagins-Dyer oversees the Non-Nuclear Employee Concerns Program for the Chief Operating Officer's group.



Program Resources

- A toolkit and an online course are available to assist managers and supervisors. The course, "Non-Nuclear Employee Concerns for Managers/Supervisors," is accessible through TVA's Online Learning system and will be required training in 2011. In the future, all employees will be required to complete a similar online course, and modules will be added to TVA's Challenges of First Line Leadership, New Employee Experience and Supervisory Academy.
- "Expressing Concerns and Differing Views" is a TVA procedure that outlines TVA's policy and describes the Non-Nuclear Employee Concerns Program. The document is available in TVA's Procedure Center on InsideNet.
- For contact information for TVA's Nuclear and Non-Nuclear Employee Concerns Programs, click on the "Employee Concerns" link under Programs on the InsideNet homepage.

Here To Listen, Here To Help:

GIVING EMPLOYEES A NEW VOICE

BY JULIE TAYLOR

Matt Tawzer (not his real name) had several talks with his supervisor about a safety hazard in their work area. Each time, his supervisor dismissed his concern, saying they should focus instead on the projects at hand.

But this was serious. This was about safety. So Tawzer turned to TVA's Non-Nuclear Employee Concerns Program for help.

"This is one way employees can share concerns without fear of reprisal," says Bill McCollum, TVA's chief operating officer. "TVA encourages employees and contractors to freely express views and opinions. It is important to speak up about anything that will improve our work, and especially issues affecting safety, health or the environment."

Since the 1980s, TVA's Nuclear Employee Concerns Program has been in place to resolve employee and contractor concerns.

Now, TVA has a Non-Nuclear Employee Concerns Program for those outside of the Nuclear Power

Group and Nuclear Generation Development & Construction organizations.

The program was created as a part of TVA's Organizational Effectiveness Initiative. As with its Nuclear predecessor, it gives employees and contractors an alternate avenue to share concerns when attempts to seek resolution within their chain of command are unsuccessful or if they don't feel comfortable talking with their management.

Inza Hagins-Dyer of the Operating Support & Fleet Governance group oversees the non-nuclear concerns program for the Chief Operating Officer's group. Libby Nickle of the Diversity & Labor Relations group handles all other non-nuclear, corporate concerns.

"TVA is committed to addressing every concern in a confidential, appropriate and timely way," says Janet Herrin, executive vice president of People & Performance. "Every day representatives in the Non-Nuclear Employee Concerns Program are here to listen to employees and contractors and help managers respond." ■



Nuclear and Non-Nuclear Employee Concerns Program team members are (l-r) Howard Cusick, Brett McCreary, Grant Yelliott, David Breland, Mark Lackey, Inza Hagins-Dyer, Joe Dempsey and Libby Nickle. Not Pictured: Mark Richerson.

DAMIEN K. POWER

Applause!

TVA Honors Top Engineers



Randal Petty has always had an insatiable desire to learn how things work.

As a child, Petty loved math and science and was always building things in his backyard. Today, he is part of Power System Operations' Electric System Projects group that plans, designs and constructs projects that improve TVA's power system.

Earlier this year, the group completed a major transmission infrastructure initiative that included building a 500-kilovolt substation, expanding another substation and building more than 60 miles

of high-voltage transmission lines. Petty was recognized for his role as the senior project manager by being named TVA's Ike Zeringue Engineer of the Year, an award named for TVA's longtime chief operating officer.

TVA has nominated Petty for the government's Federal Engineer of the Year competition. A panel of judges established by the National Society of Professional Engineers will review the nominations from agencies across the country and select 10 finalists. The winner will be announced at a ceremony in Washington, D.C., in February 2011.

The seven other finalists for TVA's award — nominated by their respective business units and considered by the TVA Engineering Peer Team Selection Committee — are:



David Baker, Information Technology, developed strategies for replacing TVA's telephone system, consolidating TVA's data center and enhancing

TVA's Virtual Private Network used by those logging into the network from outside of TVA.



Michael Browman, Environment & Technology, provided technical evaluations of nonconventional pollution control technologies and long-term spill-prevention support to a number of TVA power facilities.



Kent Brown, Nuclear Power Group, improved the integrity of critical underground medium-voltage cables at TVA's nuclear plants and within

the nuclear industry.



James Kilgore, Fossil Power Group, helped to develop a process for testing transformer bushing oil used by TVA and throughout the industry.



Justin Kuhlers, Customer Relations, helped to implement Arc Flash safety procedures and worked with TVA's industrial customers to reduce voltage disturbances.



Roger Milstead, River Operations, served as TVA's technical expert in flood-risk reduction and as TVA's lead on floodplain regulations.



Roberto Sanchez, Fossil Generation Development & Construction, directed engineering activities associated with the Johnsonville ash-

impoundment project and served as TVA's technical expert on pond-slope stability, seismic risk, earthen dike remediation and stability, and pond-impoundment instrumentation monitoring.

For more information about these employees, see the Nov. 18 TVA Today.

NEW EMPLOYEES

JEFF HOUSE

System Operations Center, Chattanooga



DAMIEN K. POWER

Severe weather has always been a hobby for Jeff House, TVA's newest load planner.

He comes from Optim Energy — a wholesale Texas utility with generating capacity but no transmission — where severe weather wasn't a concern. He supported the company's power traders by providing weather forecasts that were used to determine when to generate electricity and how much.

House, a Kansas native, is excited to be at TVA, where severe weather is tracked daily.

"I am looking forward to severe weather being part of my paid job instead of a hobby," he says. "I get a kick out of it, and you can definitely make a positive difference with severe-weather meteorology."

House works in the System Operations Center in Chattanooga and supplies up-to-date weather forecasts for short- and long-term planning.

"I like providing the input used to make important energy decisions," he says.

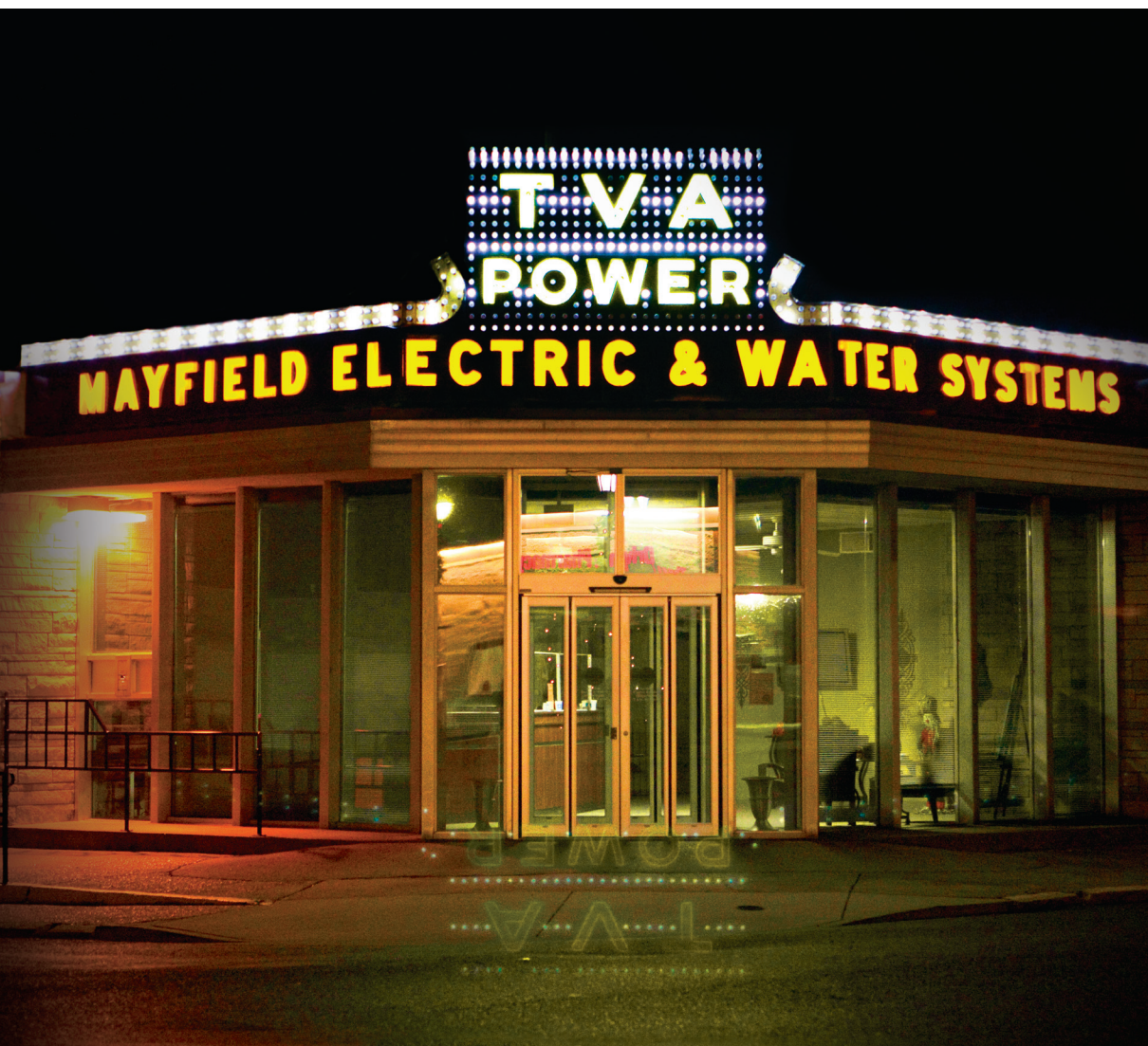
Before joining TVA, House also worked at WeatherData Services Inc. and Direct Energy.

He holds a bachelor's degree in atmospheric science from the University of Kansas and a master's degree in business administration from Wichita State University.

Jason Edward Adams, Spring City, Nuclear Power Group
Don Clifton Alexander, Muscle Shoals, Fossil Power Group
Ronald C. Angel, Spring City, Nuclear Power Group
Daniel Allen Arnold, Spring City, Nuclear Power Group
Stephen Terry Bagley, Spring City, Power System Operations
Nathan Alton Baker, Spring City, Nuclear Power Group
Angella Denise Banks, Soddy-Daisy, Nuclear Power Group
Jeffrey Todd Barton, Chattanooga, River Operations
Norman E. Baucom, Soddy-Daisy, Nuclear Power Group
Steven E. Bell, Spring City, Nuclear Power Group
Bethanie K. Bevis, Muscle Shoals, Fossil Power Group
Douglas Adam Blaylock, Spring City, Nuclear Power Group
Markus Lee Bledsoe, Spring City, Nuclear Power Group
Christopher Kelley Boswell, Drakesboro, Fossil Power Group
Tony A. Bretherick, Muscle Shoals, Financial Services
Jesse Allen Brown, Cumberland City, Financial Services
Rodney Dean Bryant, Spring City, Nuclear Power Group
Donald Lee Burton, Spring City, Nuclear Power Group
Bonny Jean Carrier, Soddy-Daisy, Nuclear Power Group
Andrew Arthur Clark, Spring City, Nuclear Power Group
Melvin Alton Clark, Spring City, Power System Operations
Donald Wayne Cleveland, Spring City, Nuclear Power Group
Debron W. Clowers, Spring City, Fossil Power Group
David Warner Colvin, Spring City, Nuclear Power Group
Charles Randy Crittenden, Chattanooga, Power System Operations
George Benson Crownover, Spring City, Nuclear Power Group
William Robert Cunningham, Spring City, Nuclear Power Group
Frank John Darguzas, Chattanooga, People & Performance
Chad Everett Davis, Spring City, Nuclear Power Group
James L. Davis, Spring City, Fossil Power Group
Walter Ed Davis, Spring City, Nuclear Power Group
David Alan Day, Soddy-Daisy, Nuclear Power Group
Donna L. Dearmon, Kingston, Fossil Power Group
Warillo Dean Dennison, Kingston, Fossil Power Group
Johnnie Wayne Denton, Spring City, Nuclear Power Group
Brian Keith Fisher, Spring City, Nuclear Power Group
Brian Thomas Ford, Chattanooga, Fossil Power Group
Timothy James Fowler, Spring City, Nuclear Power Group
Rodney Edwin Gann, Spring City, Nuclear Power Group
Thomas D. Gardner, Spring City, Nuclear Power Group
Michael Dewayne Giles, Spring City, Nuclear Power Group
Daniel R. Haddock, Spring City, Nuclear Power Group
Michael Eugene Haddock, Spring City, Nuclear Power Group

Amy Diane Hager, Chattanooga, Operating Support & Fleet Governance
Peggy Haney Harris, Decatur, Nuclear Power Group
C. Timothy Hartselle, Spring City, Nuclear Power Group
Michael D. Henson, Spring City, Nuclear Power Group
Darrin Owen Hering, Chattanooga, Power System Operations
Christopher Dean Hoose, Spring City, Nuclear Power Group
Julie Hewett Hough, Spring City, Nuclear Generation, Development & Construction
Johnny William Housley, Chattanooga, Information Technology
Robert Lebron Hughes, Spring City, Nuclear Power Group
Jacen David Hunt, Spring City, Nuclear Power Group
Jacqueline James, Memphis, Strategy & External Relations
Marsha June Johnson, Soddy-Daisy, Nuclear Power Group
Michael Wayne Johnson, Spring City, Nuclear Power Group
Justin Garrett Jordan, Spring City, Nuclear Power Group
Kathryn Hyman Kirkham, Knoxville, People & Performance
Anthony Victor Knox, Spring City, Nuclear Power Group
Russ A. Lambert, Muscle Shoals, Nuclear Power Group
Robert E. Lewis, Spring City, Nuclear Power Group
Thomas Allen Marlow, Decatur, Nuclear Power Group
Lang Maurice Martin, Chattanooga, Information Technology
Larry D. Mason, Spring City, Nuclear Power Group
Charles Ralph Mays, Spring City, Nuclear Power Group
David Eugene McCosh, Spring City, Nuclear Power Group
Andrew Hamilton McCoy, Chattanooga, Nuclear Power Group
James Matthew McKee, Drakesboro, Fossil Power Group
Gary Kevin Miller, Spring City, Nuclear Power Group
Michael Lynn Neal, Spring City, Nuclear Generation, Development & Construction
James Brian Nesbitt, Decatur, Strategy & External Relations
Janeczka Rakia Oates, Decatur, Nuclear Power Group
Benjamin Phillips, Chattanooga, Fossil Generation, Development & Construction
Michael Todd Phillips, Spring City, Nuclear Power Group
Albert O. Purser, Spring City, Nuclear Power Group
John W. Purser, Spring City, Nuclear Power Group
Jamison S. Raulston, Spring City, Nuclear Power Group
Katheryn Michelle Redden, Spring City, Nuclear Power Group
Terry Winfred Ritchie, Spring City, Nuclear Power Group
Carol Susan Rosener, Soddy-Daisy, Nuclear Power Group
Juston J. Ross, Spring City, Nuclear Power Group

Scott E. Sherrill, Spring City, Nuclear Power Group
Christopher Scott Shipe, Spring City, Nuclear Power Group
Mary Beth Sizemore, Muscle Shoals, Financial Services
Marcus Donahue Skinner, Spring City, Nuclear Power Group
John A. Slabinski, Chattanooga, Nuclear Generation, Development & Construction
Donald B. Smith, Muscle Shoals, Financial Services
Jason S. Sneed, Spring City, Nuclear Power Group
Christy Lee Speal, Soddy-Daisy, Nuclear Power Group
William T. Stackler, Soddy-Daisy, Nuclear Power Group
Sarah Jo Standifer, Spring City, Nuclear Power Group
Doug Steele, Chattanooga, Information Technology
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Brenda K. Stokes, Chattanooga, Nuclear Power Group
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Paul Duffy Talbott, Spring City, Nuclear Power Group
Terry Taylor, Spring City, Nuclear Power Group
Nathan Gary Tays, Muscle Shoals, Fossil Power Group
Rhondel Franklin Thacker, Spring City, Nuclear Power Group
Scott Christopher Thomas, Soddy-Daisy, Nuclear Power Group
Douglas F. Thompson, Spring City, Nuclear Power Group
Donald Benjamin Trotter, Spring City, Nuclear Power Group
Terence Eugene Tuckier, Spring City, Nuclear Power Group
Monty C. Veal, Soddy-Daisy, Nuclear Power Group
Jerome Exzell Vinson, Chattanooga, Power System Operations
David Allen Visti, Chattanooga, Information Technology
Bret Michael Waddell, Spring City, Nuclear Power Group
Jeremy Daniel Wallace, Spring City, Nuclear Power Group
James Michael Wallis, Spring City, Nuclear Power Group
Jason Dale Welker, New Johnsonville, Fossil Power Group
Jaycen R. West, Spring City, Nuclear Power Group
Thomas A. Whitt, Spring City, Nuclear Power Group
Timothy L. Wright, Muscle Shoals, Fossil Power Group
Douglas Albert Yates, Spring City, Nuclear Power Group
Raymond K. Youngblood, Chattanooga, Information Technology



On Broadway in downtown Mayfield, Ky., the Mayfield Electric System sign is a landmark. Designed in the mid-1950s, it had been out of service for about 30 years.

But now the sign is back, lit by more than 1,000 high-efficiency light-emitting diode bulbs. These bulbs have a much longer life span than incandescent bulbs, use less energy and require less maintenance.

The new sign draws 9 amps at 120 volts, which is just over 1,000 watts total and is served by one circuit. The old sign drew about 40 amps (about 5,000 watts) and required multiple circuits because of the higher load.